



JP57046843

Biblio

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**LAMINATING ADHESION DEVICE FOR METALLIC FOIL SHEET**

Patent Number: JP57046843  
Publication date: 1982-03-17  
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Requested Patent: ☐ JP57046843  
Application Number: JP19800116792 19800825  
Priority Number(s):  
IPC Classification: B29C27/04 ; B32B15/08  
EC Classification:  
Equivalents: JP1643521C, JP2060509B

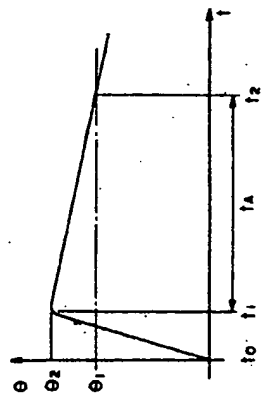
**Abstract**

**PURPOSE:** To obtain the caption device which does not rise heating temperatures beyond necessity and can laminate and glue metallic foils reliably by a method wherein an auxiliary heater including a high frequency induction heating coil is provided between a main heater and a press whlder for the metallic foil sheets.

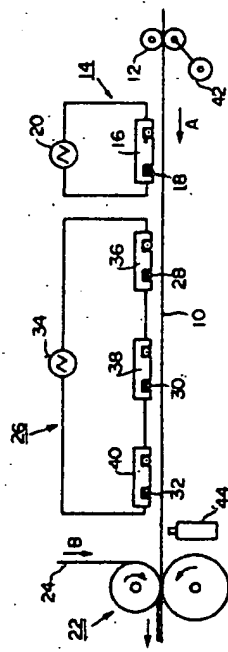
**CONSTITUTION:** A metallic foil sheet 10 is let to run continuously by a feed roller 12 in the direction of the arrow A and heated inductively, continuously by the main heater 14 installed near the runway. The auxiliary heater 26 including a high frequency induction heating coil arranged along the runway of the metallic foil sheet 10 is provided between the main heater 14 and the press welder comprising a heating roller 22. The metallic foil sheet 10 is heated by the main heater 14 at the temperature  $\theta_2$  slightly higher than the temperature  $\theta_1$  necessary for adhesion and maintains the necessary temperature  $\theta_1$  when it is introduced by the main heater 14 into the heating roller 22.

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第 1 図



第 2 図



第 3 図

